

RIPAN, R.; MIHAI, G.

The properties of ...
4. Poly chine R ...

1. Department of Internal Security of the Institute of the Ministry of
the Romanian Academy, 100, 10-15 Bonath Street.

RIPAN, R.; MIREL C.

Contributions regarding the properties of some salts of the
O,O-diethyl ester of the dithiophosphoric acid. Pt.4.
Studii cerc chim 13 no.10:609-618 O '64.

1. Laboratory of Inorganic Chemistry, Institute of Chemistry
of the Rumanian Academy, Cluj, 59-65 Ionath Street.

ZHEGAN, V.; JURA, C.; GILBERTO, M.; NICOLO, F.; ROSSI, G.; MARCHETTI,
MEDELEANS, V.; SORRENTI, M.; DOSTINI, E. 1999

Study of the treating of surface waters for obtaining drinking water in the semi-industrial laboratory. (In Russian) *Izv. Vuzov. Khim.* no.2:617-624. 1968. 11 p.

L 35207-66

ACC NR: AP6026876

SOURCE CODE: RU/0022/66/011/002/0080/0086

AUTHOR: Zbegan, Vasile (Engineer; Professor emeritus); Jura, Cornel (Engineer);
Giurcoanu, Mihai (Engineer); Cretu, Gheorghe (Engineer); Mirel, Ion (Engineer)

ORG: Polytechnical Institute, Timisoara (Institutul politehnic)

TITLE: Study of the water clarification process in cylindrical suspensional settling tanks

SOURCE: Hidrotehnica, gospodarirea apelor, meteorologia, v. 11, no. 2, 1966, 80-86

TOPIC TAGS: water purification, surface water, water purification equipment, water tank

ABSTRACT: A description of the surface water treatment process used in Timisoara. The operation, involving use of cylindrical suspensional settling tanks, is described, and its effectiveness from economic-technical points of view presented. Orig. art. has 4 figures and 5 tables. /Based on authors' Eng. abstract/ /JPRS: 36,452/

SUB CODE: 13 / SUBM DATE: --Jul65 / ORIG REF: 005 / SOV REF: 002 /
OTH REF: 001

Card 1/1

UDC: 628.36:662.63

0976 3631

SYRTSOVA, Ye.D.; MIREL'ZON, B.B.; IL'IN, V.M., inzh., red.; GERASIMOVA, G.S.,
red.isd-va, PRUSAKOVA, T.A., tekhn.red.; KORNEYEVA, V.I., tekhn.red.

[Analysis of labor productivity standards in building; a scientific
report] Analiz urovnia proizvoditel'nosti truda v stroitel'stve;
nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit.
i stroit. materialam, 1958. 97 p. (MIRA 12:2)
(Building--Production standards) (Productivity accounting)

MIREL'ZON, L.

"Essays on gynecological psychiatry" by A.N. Molokhov. Zhur.
nevr. i psikh. 63 no.2:306-307 '63 (MIRA 16:11)

130112Z, I. A.

AL'ZC. A. A.

[illegible]

Z

MIREL'ZON, L.A.; KORNETOV, A.N.

Some peculiarities of neurodynamics in schizophrenics with
incoherent speech phenomena. Zhur.nevr. i psikh. Supplement:66
'57. (MIR 11:1)

1. Kafedra psikhatrii (zav. - prof. L.A.Mirel'zon) Odesskogo
meditsinskogo instituta imeni N.I.Pirogova.
(SCHIZOPHRENIA) (SPEECH, DISORDERS (F))

MIREL'ZON, L.A., professor

Evgenii Aleksandrovich Shevalev; on the tenth anniversary of his
death. Vrach.delo no.4:439 Ap '57. (MLRA 10:7)

1. Kafedra psikhiatrii Odesskogo meditsinskogo instituta.
(SHEVALEV, EVGENII ALEKSANDROVICH, 1878-1847)

USSR/Electricity

Feb 1948

Generators, Turbo

Turbogenerators - Maintenance and Repairs

"Damage to the Rotor Winding of a 50 Thousand kw
Turbogenerator," L. A. Mirenburg, Engr, 1 p

"Elek Stants" No 2

Describes repairs made on subject rotor installed in
plant of "ElektroSil" combine. Urges that in all
stations equipped with turbogenerators, a complete
check of coils between rotor drum and cap be made
when overhauling equipment.

61118

MIRENBURG, L. A.

PA 38/49T32

USSR/Engineering
Turbines, Steam
Generators

Mar 49

"Review of N. A. Polyak's 'Steam-Turbine Generators,'"
L. A. Mirenburg, Engr, 1 p

"Elek Stants" No 3

Favorable review of subject book, which contains 15
tables encompassing all the basic elements used in
construction of contemporary steam turbines.

38/49T32

MIRENBURG, L.A., inshener.

New standards for testing the dielectric strength of the insulation
of turbogenerators during repair. Elek. sta. 25 no.6:55-59 Je '54.

(MLRA 7:7)

(Dynamoes--Testing) (Electric insulators and insulation--Testing)

Mirenburg, Lev Abramovich

03

377,000

Report: *Remont i ekspluatatsiya turboagregatov (Repair of Turbogenerators in Operating Conditions)* 21 ed., rev. and suppl. Moscow, Energiya, 1980. 407 p. 16 cm. 100,000 copies printed.

Ed. (Title page): L. I. Istinov, Engineer; Ed. (Inside back): Ye. D. Demkov; Tech. Ed.: I. Ye. Lariyev.

PURPOSE: This book is intended for engineering and technical personnel of electrical shops in thermoelectric power stations and repair establishments.

COVERAGE: The author discusses the design and operating characteristics of turbo- (Soviet and non-Soviet production), their typical faults and methods of detecting them. Problems of organization and techniques of repair and maintenance and also possible rebuilding procedures are considered. An inventory of basic turbogenerator components is included. There are 40 references: 11 Soviet and 1 English.

~~Sam 1/8~~

MIRENBURG, L.A., inzh.; AVEUKH, V.Yu., inzh.

Converting turbogenerators to higher hydrogen pressure.
Energetika 8 no.3:30-34, Mr '60. (MIRA 13:6)
(Turbogenerators—Cooling)

KARAMZIN, A.P., inzh.; KISLYY, V.I., inzh.; MARINOV, A.M., inzh.;
MIRENBURG, L.A., inzh.; RAUZIN, L.M., inzh.; SAGALOV, M.I., inzh.

The 110 kv. electric substation with a low-power transformer.
Elek.sta. 32 no.8:49-54 Ag '61. (MIRA 14:10)
(Electric substations)

MIRENBERG, L.A., inzh.; AZBUKIN, Yu.I., inzh.

Modernization of active turbogenerators. Elec. sta. No. 10.
39-44 F '61. (MIRA 107)

(Turbogenerators)

LINDORF, L.S.; FUFURIN, P.N.; ULITSKIY, M.S.; USIMOV, P.I.;
ZEYLIDZON, Ye.D.; MININ, G.P.; KOTS, A.Ya.; KHAVIN, N.Z.;
MURAVLEVA, N.V.; LIBERMAN, A.Ya.; BARANOV, B.M.; ZVENIGORODSKIY,
I.S.; IVANOV, V.S.; IOFFE, F.Ye.; BURLAKOV, B.M.; MIRENBURG,
L.A.; FAYERMAN, A.L., red.; BORUNOV, N.I., tekhn. red.

[Study manual on the technical operation of electric networks
and power plants; electrical section of electric power plants
and electric power distribution networks] Posobie dlia izuche-
niia pravil tekhnicheskoi ekspluatatsii elektricheskikh stantsii
i setei; elektricheskaya chast' elektrostantsii i elektrichesk-
seti. Moskva, Gosenergoizdat, 1962. 558 p.

(MIRA 15:8)
(Electric power plants—Handbooks, manuals, etc.)
(Electric power distribution—Handbooks, manuals, etc.)

LINDGREN, L.A.; FURMAN, A.I.; ZILBERMAN, M.S.; STROG, I.I.;
ZEYLIDZON, Ye.I.; M. R., G.I.; K. TS, A.Ya.; ZHA...
MURAVLEVA, N.Y.; LIEBERMAN, A.Ya.; BASAL, V. P.M.;
ZVENIGORODSKIY, I.S.; IVANOV, V.S.; KOFFE, P.Ye.
[deceased]; K. BLAKOV, B.M.; M. F. BURG, L.A. [deceased];
FAYERMAN, A.L., red.

[Aid for studying engineering regulations governing the
operation of electric power plants and networks.]
olia izucheniya pravil tekhnicheskoy ekspluatatsii i
cheskikh stantsii i setei. 120.2., peresmotrenno. 1951
skva, Energiya, 1951. 51 p. (MIA 2)

1. Russia (1953-1954), Gosudarstvennyy inzhenernyy
nyy komitet po energetike i elektrifikatsii.

MIRENBURG, S.L., inzh. [deceased]

New thermal electric power plants in England. Teploenergetika 8
no.5:87-91 My '61. (MIRA 14:8)

(Great Britain--Electric power plants)

MIRENBURG, Ye.A.

Subtotal and partial thoracocautery. Probl. tuberk., Moskva no.4:
75 July-Aug 1953. (GML 25:4)

1. Candidate Medical Sciences. 2. Of the First Pulmonary Surgery
Division (Head -- D. D. Asseyev), Moscow Oblast Scientific-Research
Tuberculosis Institute (Director -- Prof. F. V. Shebanov).

7614

7614. MIRENBURG, E. A. *Streptomycin in the treatment of pulmonary tuberculosis (text)*. PROBL. TUBERK. 1953, 5 (70).
A report on 111 cases of which 71 were subjected to thoracoplasty and 40 to thoracotomy and cauterization, both in combination with streptomycin therapy. Streptomycin with thoracoplasty yielded good results in the majority of cases with absorption of the pleural exudate or alteration of its character, disappearance or reduction of the cavities, disappearance of the bacilli from the sputum, reduction, or disappearance of the intoxication, and marked improvement of the general condition of the patient. Ferrata (IX, 15).

*Land. Med. Soc.
1st Pulmonary Tuberculosis Mon. Soc. of L.
Re Tuberculosis Inst.*

EL'KINA, Yu.A.; MIRENBURG, Ye.G.; FILIPPOVICH, A.N., professor, zaveduyushchiy.

Immunologic aspects of dysentery in infants. Vop.pediat. 21 no.4:18-21 J1-Ag
'53. (MLRA 6:10)

1. Kafedra infektsionnykh bolezney Minskogo gosudarstvennogo meditsinskogo
instituta.
(Dysentery)

L 06981-67 EWT(m)/EWP(t)/ETI JD/WH/JG/JR

ACC NR: AP6018357

(A)

SOURCE CODE: UR/0089/66/020/005/0426/0427

AUTHOR: Dubrovskiy, V. B.; Ryabukhin, Yu. S.; Mirenkov, A. F.; Solov'yev, V. N.

3.5
B

ORG: none

TITLE: Passage of gamma radiation through seams of assembled concrete shields

SOURCE: Atomnaya energiya, v. 20, no. 5, 1966, 426-427

19

TOPIC TAGS: reactor shielding, gamma radiation, radiation dosimetry/SBM-10
gamma counter

ABSTRACT: This is an abstract of article no. 31/3550, submitted to the editor and filed, but not published in full. In view of lack of data on the shielding properties of assembled shields, and in view of the lack of well founded methods of calculating the passage of gamma rays through screens, the authors propose as a basic criterion for estimating the shielding efficiency a coefficient equal to the ratio of the integral or maximal dose intensities behind the assembled screen and an equivalent monolithic shield. An expression is proposed for this coefficient and its validity was tested with a cobalt source of activity 500 gram equivalent of radium in two source geometries (collimated and isotropic source. The

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UDC: 621.039.538.7

L 06981-67

ACC NR: AP6018357

counter used (SBM-10) had a much smaller diameter (0.6 cm) than the width of the seam, so that it could be regarded as pointlike. The experiments have demonstrated that the use of assembled shields does not lead to an appreciable local rise of the dose intensity behind the screen. The passage of the gamma radiation through the seams is described sufficiently well by the proposed formula. The effect of the seam can be compensated by increasing the shield thickness or by decreasing the seam length through the use of an assembly consisting of several layers. Orig. art. has: 2 formulas.

SUB CODE: ~~21~~ 18 SUBM DATE: 18Dec65/

Card 2/2 *RR*

L 06980-67 EWT(m)/EWF(t)/EII JU/WH/JK/JR

ACC NR: AP6018356

SOURCE CODE: UR/0089/66/020/005/0425/0426

AUTHOR: Dubrovskiy, V. B.; Shreyber, A. K.; Mironkov, A. F.; Solov'yev, V. N.

ORG: none

TITLE: Rock concrete shield against gamma radiation

SOURCE: Atomnaya energiya, v. 20, no. 5, 1966, 425-426

TOPIC TAGS: reactor shielding, concrete, gamma radiation

ABSTRACT: This is an abstract of article no. 80/3549, submitted to the editor and filed, but not published in full. It is proposed that rock concrete, which is made up of rocks embedded in a layer of a concrete mixture, has certain economic and technical advantages over ordinary concrete. To check on its properties, blocks were made of both concrete (specific weight 2250, 3300, and 4500 kg/m³), and rock concrete, containing limestone and hematite ore rocks, and having a specific weight 2320, 3770 and 4600 kg/m³. The experiments were made with gamma rays from a Co60 source (activity 500 gram equivalent of radium). The shielding properties of the rock concrete were calculated under the assumption that it is a homogeneous mixture of its chemical element, using the same calculation procedure

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UDC: 621.039.538.7

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ACC NR: AP6018356

as for concrete (based on the chemical composition). The test results agreed with the calculations, and it is concluded that rock concrete shields can be designed in the same manner as concrete shields. Orig. art. has: 1 figure.

SUB CODE: 18 / SUBM DATE: 18Dec65/

ORIG REF: 006

Card 2/2 *Ph*

PANASYUK, B., metodist; BOLONINA, Ye.; MIRENKOVA, Lyuba (Ryazan')

What are you going to do this fall? IUn.nat. no.9:16-17 S '6C.
(MIRA 14:3)

1. Pedagogicheskiy kabinet Severo-Kavkazskoy zheleznoy dorogi
(for Panasyuk).
 2. Rukovoditel' kruzhka tsvetovodov krayevoy
stantsii yunnatov, Krasnodar (for Bolonina).
- (Cities and towns--Civic improvement)

MIRENSKAYA, I.M.

Achylia. Fed'd i akush. 28 no.4:48-49 Ap'63. (MIRA 10:8)

1. Gorodskaya bol'nitsa no.48 Moskvyy.
(S. MACH ~~SECRET~~ IONS)

ACCESSION NR: AP4033139

S/0120/64/000/002/0156/0160

AUTHOR: Feygin, L. A.; Mirenskiy, A. V.; Shnyrev, G. D.

TITLE: Precession chamber for photographing reciprocal lattice

SOURCE: Priory* i tekhnika eksperimenta, no. 2, 1964, 156-160

TOPIC TAGS: crystal structure, atomic structure, reciprocal lattice, precession, precession chamber, x ray goniometer

ABSTRACT: An electric motor 1 (see Enclosure 1), via a wormgear and shaft 2 with an arc 3, imparts a precession motion to the crystal, holder, and screen. Slider 4 is connected by spindle 5 with buckle 6. The precession angle may be adjusted by setting the slider. Spindle 5 can rotate in the buckle-6 bushing, to which the x-ray-film holder is fastened. The buckle is tilted through the precession angle about the XX and YY axes. Test crystal 7 is placed in a goniometric head at the intersection of X, X, and Y, Y, axes. Crystal holder 8 is also

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ACCESSION NR: AP4033139

tilting about the X, X, and Y, Y, axes. The construction of the precession chamber is described in some detail (pictorial sketch supplied). Precession x-ray pictures of two amino-acids — phenylalanine and proline — are shown. Orig. art. has: 4 figures.

ASSOCIATION: Institut kristallografii AN SSSR (Institute of Crystallography, AN SSSR)

SUBMITTED: 13Apr63

DATE ACQ: 11May64

ENCL: 01

SUB CODE: SS

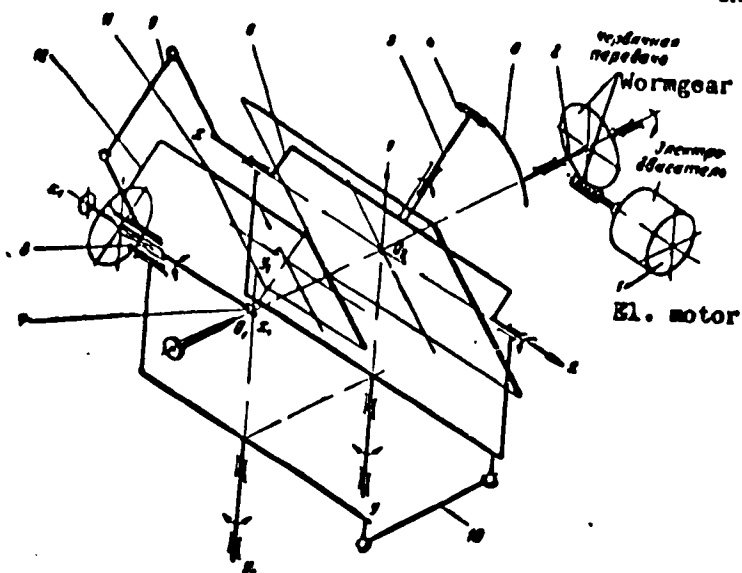
NO REF SOV: 002

OTHER: 001

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ACCESSION NR: AP4033139

ENCLOSURE: 1



Kinematic scheme of the precession chamber

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MIRENSKIY, B. R.

"An Aluminum Asphalt-Bitumen Paint" (Alyuminiyeveya Asfal'to-bitumnaya Kraska), A. A. Latyshev and A. D. Starkova, edited by B. R. Mirenskiy, Goskhimizdat, Moscow/Leningrad, 1949, 40 pages, 2 rubles.

Description of the paint Al- 277.

SO: Uspekhi Khimii, Vol 18, #6, 1949; Vol 19, #1, 1950 (W-10083)

ZHUKOVA, A.D.; IVONIN, V.I.; KAPLAN, A.Yu.; NEMIROVSKAYA, Ye.G.; MIREN-
SKIY, B.R., redaktor; AYZENSHTAT, I.I., redaktor; ZALYSHKINA, O.Ya.,
tekhnicheskiiy redaktor.

[Collection of standards and technical requirements for the varnish
and paint industry] Sbornik standartov i tekhnicheskikh uslovii na
produksiiu lakokrasochnoi promyshlennosti. Moskva, Gos. nauchno-
tekhn. izd-vo khim. lit-ry. No. 1. 1952, 516 p; No. 2. 1952, 359 p;
No. 3. 1952. 463 p. (MIRA 8:4)
(Varnish and varnishing--Specifications)
(Paint--Specifications)(Lacquer and lacquering--Specifications)

5(0)

SOV/63-4-3-1734

AUTHOR: Mirenskiy, B.R.

TITLE: The Outlook for the Development of the Varnish and Paint Industry
in the Current Seven-Year Plan

PERIODICAL: Khimicheskaya nauka i promyshlennost', 1959, Vol. 4, Nr. 5,
pp 290-293 (USSR)

ABSTRACT: The USSR holds a second place in the production of varnish and paint materials in the world. The growth of the production is insufficient and the demand exceeds the supply considerably. This is due to: the insufficient development of the chemical industry as a whole; insufficient capital investments; the lack of large and productive plants. An improvement of the quality would also reduce the quantitative requirements. It is recommended to develop the large-scale production of synthetic film-forming materials, like cellulose ester, condensation and polymerization resins, and the necessary solvents for them as well as the production of pigments, especially titanium dioxide. The resins mostly needed are: polyester, copolymeric alkyd-styrene, alkyd-acrylic, phenolic, epoxide and vinyl resins, etc. The principal problems in the production of

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SOV/63-4-3-1/31

The Outlook for the Development of the Varnish and Paint Industry in the Current Seven-Year Plan

white pigments, which comprise 86% of all artificial mineral pigments will be the production of a sufficient quantity of titanium dioxide and the preparation of white zinc pigments from zinc-containing raw materials, not from pure zinc. The present capacity for the production of lithopone must be enlarged and a new workshop will be built at the Helvex Plant. The production of lead, molybdate and zinc chromes, of colored pigments based on polyvinylacetate, acrylic and cellulose esters, latexes will be considerably increased. The frost resistance of the varnishes and paints during storing and transportation must be improved. It is planned to build new production capacities near the area of consumption. At present the industry is concentrated in the RSFSR, Ukraine, Latvian and Uzbek SSR. The erection of 4 plants with a yearly output of 25,000 tons of varnishes and paints, each 20 workshops with a capacity of 10,000 tons and 15 workshops of 5,000 tons is planned. New technological methods, like the azeotropic production method, the heating by electric induction or high-boiling heat-carrier, the continuous dispersion process for pigments in the binding materials, etc, must be introduced. The application of

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SOV/63-4-3-1/31

The Outlook for the Development of the Varnish and Paint Industry in the Current Seven-Year Plan

varnish and paint materials must be improved by using painting in the electric field. The Nauchno-issledovatel'skiy institut lakokrasochnoy promyshlennosti GIPI-4 (Scientific Research Institute of the Varnish and Paint Industry GIPI-4) will obtain the Krasnopresnenskiy lakokrasochnyy zavod (Krasnopresnenskiy Varnish and Paint Plant) as an experimental base. A new branch of the institute will be established in Chelyabinsk. A new nauchno-issledovatel'skiy institut tekhnologii lakokrasochnykh pokrytiy (Scientific Research Institute for the Technology of Varnish and Paint Coating) will be organized at the base of the TsNIL Vsesoyuznayakontora "Lakokraspokrytiye" (TsNIL of the All-Union Office "Varnish and Paint Coating"). A new branch of the designing department of GIPI-4 will be established in Yaroslavl'.

Card 3/4

SOV/63-4-3-1/3.

The Outlook for the Development of the Varnish and Paint Industry in the Current Seven-Year Plan

ASSOCIATIONS:

Nauchno-issledovatel'skiy institut lakokrasochnoy promyshlennosti GIPI-4 (Scientific Research Institute of the Varnish and Paint Industry GIPI-4). Nauchno-issledovatel'skiy institut tekhnologii lakokrasochnykh pokrytiy (Scientific Research Institute for Technology of Varnish and Paint Coatings). TsNI Vsesoyuznoy kontory "Lakokraspokrytiye" (TsNI of the All-Union Office "Varnish and Paint Coating")

Car 4/4

KARASEV, K.I., kand. khim.nauk; MAKOTINSKIY, M.P., kand. arkh.;
TROSHICHEV, V.M.; Prinimali uchastiye: LUTSIK, L.D.,
inzh.; FEDOROVA, G.M., tekhnik; LIVSHITS, A.M., inzh.;
ANDREYEV, V.S., retsenzent; MIRENSKIY, B.R., inzh.,
retsenzent; GURVICH, E.A., red.izd-va; TEMKINA, Ye.L.,
tekhn. red.

[Catalog of finishing materials and products] Katalog ot-
delochnykh materialov i izdelii. Moskva, Gosstroizdat.
Pt.2. [Paints and lacquers] Kraski i laki. 1961. 76 p.

(MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh
stroitel'nykh materialov. 2. Chlen-korrespondent Akademii
stroitel'stva i arkhitektury SSSR (for Andreyev).

(Paint materials--Catalogs)

MIRENSKIY, B.R.

Development of the production of lacquer condensation resins
as an important objective of the paint and varnish industry.
Lakokras.mat.1 ikh prim. no.1:1-2 '63. (MIRA 16:2)
(Resins, Synthetic)
(Paint industry)

MIRENSKIY, M.D., inzh.

Standard rolled sections and allowed deviations of their dimensions.
Standartizatsia 22 no.6:47-51 M-D '58. (MIRA 11:12)

1. Kuznetskiy metallurgicheskiy kombinat.
(Rolling (Metalwork)) (Tolerance (Engineering))

МІРЕНКО, Миклаі Л'вovich.

worker at a section of rolling press; textbook. Moscow, 1958. 112 p. (112 p.).
lad-vo lit-ry po khernoi i tsvetnoi metallurgii, 1958. 112 p. (112 p.).

TS340.5

NEZHIDANOV, N.G., starshiy master sortovykh stanov; MIRENSKIY, M.L., inzhener-kalibrovshchik.

Organizing the rolling of tie plates for narrow-gauge tracks. Metallurg
no.1:32-33 Ja '56. (MIRA 9:9)

1. Kuznetskiy metallurgicheskiy kombinat.
(Rolling (Metalwork)) (Railroads--Ties)

MIRENSKIY, M.L., inzhener.

Standard for circular hot-rolled steel. Standartizatsiya no.2
72-75 Mr-Ap '56. (MLHA 115)

1. Kuznetskiy metallurgicheskiy kombinat.
(Steel--Standards)

MIRENSKIY, M.I.

1-4626

Preventing Defects due to Stretching of the Back End of Strip. M.I. Mirenskiy. (Sov. 1950, (6), 470-471). [In Russian]. It is sometimes found that the back end of strip during rolling has a smaller transverse horizontal dimension than the rest over a length of 300-600 mm and this can lead to rejects. The causes of this effect and possible remedies are discussed.

Ind. Eng. L
9/8
MM

MIRENSKIY, Mikhail L'vovich; DIOMIDOV, B.B., redaktor; GOLIATKINA, A.G.,
redaktor izdatel'stva; BERLOV, A.P., tekhnicheskiy redaktor

[Work in a small section rolling mill] Rabota na melkosortnom
prokatnom ~~stane~~; uchebnoe posobie dlia shkol i kursov masterov.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po cherno i tsvetnoi
metallurgii, 1957. 263 p. (MLRA 10:5)
(Rolling mills)

AUTHOR: Mirenskiy, M. L., Engineer. (Kuznetsk Metallurgical Combine). 378

TITLE: A method for calculating the area of an oval. (Metod rascheta ploschnadi ovala).

PERIODICAL: "Stal'" (Steel), 1957, No.4, pp.572-574 (U.S.S.R.)

ABSTRACT: A nomogram for the rapid calculation of the surface area of an oval segment is proposed. There are three diagrams and one table.

AUTHOR: Mirenskiy, M.I. 18-6-22/40

TITLE: On the Profiles of Rails and Tie Plates 6 profilyakh
zheleznoy dorogi. (On the Profiles of Rails and Tie Plates)

PERIODICAL: Standartizatsiya (1967, No. 6, pp. 61-64 USSR)

ABSTRACT: This is a critical consideration of the existing "TCT"-standards for 4 types of wide-track rails, 5 types of narrow-track rails, for the tie plates and stay plates for these rails (3 various types for each wide-track rail type and 5 various types for each narrow-track rail type).
The author points out inconsistencies in dimensions of the tie plates and stay plates, which resulted in some oversized tie and stay plates and that leads to a waste of metal, or, on the other hand, to the use of unduly light plates for heavy rail gages.
There are 2 graphs and 1 table.

ASSOCIATION: Kuznetsk Metallurgical Combine (Kuznetskiy metallurgicheskiy kombinat)

AVAILABLE: Library of Congress

Card 1/1 1. 1st copy USSR. 1. Issued in 1967-Tie plates-Standards

MIRENSKIY, M.L., inzhener.

Efficient shape of a round finishing groove. Stal' 17 no.1:91-
93 Ja '57. (MIRA 10:3)

1. Kuznetskiy metallurgicheskiy kombinat.
(Rolls (Iron mills))

SOROKO, L.N., inzhener; MIRENSKIY, M.L., inzhener.

Rolling economic plow steel strips on a 450 mill. Stal' 17 no.4:329-
332 Ap '57. (MLRA 10:5)

1.Kuznetskiy metallurgicheskiy kombinat.
(Rolling (Metalwork))

MIRENSKIY, M.L.

Operating a small shape rolling mill. Metallurg } no. 8:27
Ag. '58. (Rolling mills) (MIRA 11:2)

AUTHOR: Mirenskiy, M.L.

130-58-4-12/20

TITLE: Adoption of the Rolling of New Sections for Pit Props
(Osvoyeniye prokatki novykh profiley dlya shakhtnykh stoyek)

PERIODICAL: Metallurg, 1958, Nr 4, pp 23 - 24 (USSR).

ABSTRACT: The new sections dealt with in this article are for the extending and body parts of pit props. They are rolled in a section mill consisting of three three-high and one two-high stands, all in one line. The extending part (Figure 1a) is rolled from a 115 mm square billet of 30 KhGS steel in eleven passes (Figure 2). The roll-pass design is discussed with special reference to the production of a shoulder extending beyond relatively long and thin flanges and the deformation of the metal in the various passes is analysed (Figure 3). Such analysis is also shown (Figure 5) for the rolling of the body-part section from 115 mm square billets of type 35 steel in eleven passes (Figure 4). There are 5 figures.

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine)

Card 1/1

AUTHOR: Mirenskiy, M.L., Engineer SOV/28-58-b-12/34

TITLE: Shaped Steel Profiles and the Admitted Deviations of Their Sizes (Sortovyye prokatnyye profili i dopuskayemye otkloneniya na ikh razmery)

PERIODICAL: Standartizatsiya, 1958, Nr 6, pp 47-51 (USSR)

ABSTRACT: The size and form of profiles change during hot rolling due to the wear of the caliber, the change of temperature, etc. The tolerances permitted for the different profiles depend on the form and size of the profile. The more complicated the form of a profile, the more difficult it is to regulate the size during rolling. The vertical tolerances vary from 0.4 mm for profile Nr 16, to 3mm for profile Nr 1, according to State Standard GOST 5267-50. The field of tolerances for round profiles is shown in figure 4. For a circle 150 mm in diameter, the tolerance is 0.2 mm, for 5 mm diameter it is 0.4 mm. The difference is due to the difficulty of adjusting the vertical caliber in round shapes (Figure 1). For square

Card 1/2

Sov/133/58-9-16/29

AUTHOR: Mirenskiy, M. L. (Engineer)

TITLE: Review of the Book of D. Ya. Gurevich "Basis of Rolling Production" (Retsenziya na knigu D. Ya. Gurevicha "Osnovy Prokatnogo Proizvodstva")

PERIODICAL: Stal', 1958, Nr 9, pp 824-825 (USSR)

ABSTRACT: The book was published in 1956, by Metallurgizdat. 250 pages, 78 figures. The review is unfavourable.

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat (Kuznetak Metallurgical Combine)

Card 1/1

MIRENSKIY, M.L., inzh.

Grooving universal prefinishing ovals for the rolling of
disks. Izv.vys.ucheb.zav.; Chern.Met. 2 no.10:63-70
0 '59. (MIRA 13:3)

1. Kuznetskiy metallurgicheskiy institut. Rekomendovano kafedroy
obrabotki metallov davleniyem Sibirskogo metallurgicheskogo
instituta.

(Rolling (Metalwork))

AUTHOR:

TITLE:

PERIODICAL:

ABSTRACT:

Information and Intelligence
Collection and Dissemination
and the Future

ASSOCIATION: K

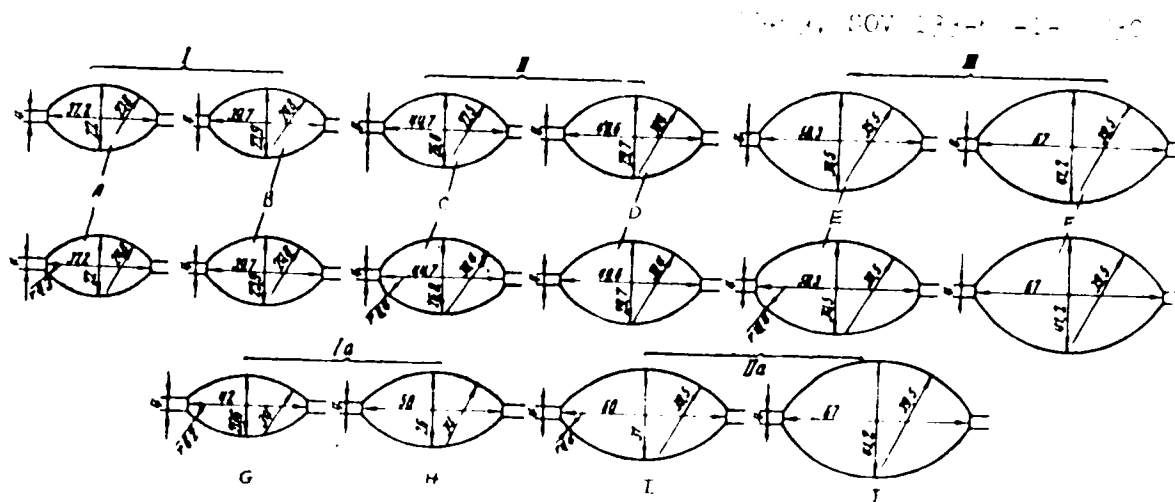


Fig. 2. Rationalization of roll pass design (a) roll pass design; (b) limits of uniformity of all passes of each group (groups I, II, and III) and (c) limits of uniformity of uniformity (groups I, II, III and IIIa); (A) oval for round shape; (B) oval for round shape; (C) oval for round shape; (D) oval for round shape; (E) oval for round shape; (F) oval for round shape; (G) oval for round shape; (H) oval for round shape; (I) oval for round shape; (J) oval for round shape.

ZAYKOV, M.A.; TSELUYEV, V.S.; KAMINSKIY, D.F.; DALOCHIN, N.V.; LAKHINA,
P.G.; MESCHERYAEV, I.A.; Primali ochastive: SERGEYEV, I.P.;
YEREMIN, V.N.; PROKHOROV, I.A.; KARAYEV, I.I.;
ZURAVLEV, M.A.; MARIN, I.I.; KAZANIN, I.O.; KANONIKOV, I.I.;
KOROVNIKOV, M.A.; SERGEYEV, V.V.; CHANOV, I.I.; BYLEV, I.I.;
KUCHKO, I.I.; MIRENSKIY, M.I.

Pressure of the metal on rolls in rolling, carbon and alloyed steels
on a three-high billet mill. Izv. vys. shkol. zav. Chern. met.
no.9:70-80 '61. (1961)

1. Sibirskiy metallurgicheskiy institut
(Sib. inst. met.)

ZAYKOV, M.A.; TSELUYKOV, V.S.; KAMINSKIY, D.M.; DADOCHKIN, N.V.;
MESHCHERYAKOV, P.A.; MARININ, P.G.; MIRENSKIY, M.L.; PROKOP'YEV,
A.V.; OVCHINNIKOVA, R.F.; Prinimali uchastiye; BELYAVSKIY, M.A.;
KAFTANOV, M.P.; KUCHKO, I.I.; LAR'KINA, F.Ye.; MANCHEVSKIY, I.V.;
MARAMYGIN, G.F.; MERKUTOV, V.N.; NASIBULIN, A.S.; NEFEDOV, M.K.;
PERMYAKOV, V.M.; CHELYSHEV, N.A.; CHVANOV, L.K.

Investigating conditions of rolling on three-high billet mills.
Izvy vys. ucheb. zav.; chern. met. 6 no.10:74-83 '63.

(MIRA 16:12)

1. Sibirskiy metallurgicheskiy institut i Kuznetskiy metallurgicheskiy
kombinat.

MIRENSKIY, M.L.

New method of making up sets of iron mill rolls. Metallurg 8
no.8:30-31 Ag '63. (MIRA 16:10)

1. Starshiy kalibrovshchik Amurskogo staleplavil'nogo zavoda
"Amurstal'".

S/103/60/021/007/009/01
RC19/B06C

AUTHOR: Mirenskiy, M. S. (Moscow,
TITLE: Construction and Calculation of Induction Couplings
PERIODICAL: Avtomatika i telemekhanika, 196 Vol. 21, No. 7,
pp. 1046 - 1056

TEXT: A description is offered here of the construction of an induction coupling which is very simple to be manufactured and considerably safer in its operation than such as had been previously described in publications. It consists of a motor a star wheel, an open rotor, a control winding, and a fixed magnetic circuit (Fig. 1). In his calculation of the induction coupling the author refers to experimental results obtained by himself. From considerations on experimental data, concerning the emf induced in the rods of the rotor, the author obtains a formula for calculating the number of rods of the rotor. According thereto, the rotor obtains 216 "rods" if the star wheel has 6 teeth. Formula (2) is obtained for the calculation of the emf in a "rod" of the rotor, and the magnetic flux is determined with formula (3). The practically

Card 1/2

Construction and Calculation of Induction S/103/60/021/007/002/010
Couplings B019/B060

R2072

satisfactory accuracy attainable with these formulas is pointed out and next, the calculation of the ohmic resistance of a "rod" of the rotor is dealt with. Formula (4a) is written down for this. formulas (4b) and (4v) are obtained for the two additive terms and finally, the final formula (4g) is obtained for the ohmic resistance of a "rod" of the rotor. The above result was experimentally checked with the aid of formula (5). Formula (10) is furthermore derived for the torque of the coupling. The last three sections deal with calculations of geometrical dimensions, the excitation of the coupling, and the power of the driving motor. There are 6 figures 4 tables, and 6 references: 5 Soviet and 1 German.

SUBMITTED: February 24, 1960

4

Card 2/2

MIRENSKIY, M.S.

Method for determining the beginning and the ends of the windings of
three-phase asynchronous motors. Prom.energ. 16 no.11:27-28 N 81.
(MIRA 14:10)

(Electric motors, Induction --Windings)

MIRENSKIY, M.Ya.

Pipe cutting dies. Proizv.-tekhn.inform. no.9:91-92 '54.

(MLRA 10:3)

(Pipe cutting)

TRESHCHENKOV, N.A.; MIRENSKIY, Yu.M.

Control of roll grooves by heating with gas burners. Metallurg
8 no.8:28-29 Ag '63. (MIRA 10:10)

1. Zavod "Zaporozhstal'".

TROSHCHENKOV, N.A., inzh.; TILIK, V.T., inzh.; MIRENSKIY, Yu.M., inzh.

"Metals for sheet-metal work" by V.P.Severdenko, S.A.Pasechnyi.
Stal' 23 no.1:89 Ja '63. (MIRA 16:2)

1. Zavod "Zaporozhstal".
(Sheet-metal work)

(Steel, Automobile)

KSENZUK, F.A., inzh.; MIRENSKIY, Yu.M., inzh.; TROSHCHENKOV, N.A., inzh.

Changes in steel properties depending on the degree of
reduction during coil straightening. Stal' 24 no.1:56-58
Ja '64. (MIRA 17:2)

1. Zavod "Zaporozhstal'".

KSENZUK, F.A., inzh.; AVRAMENKO, I.N., inzh.; MIRENSKIY, Yu.M.; TROSHCHENKOV, N.A.

Relation between the degree of deformation and the speed and tension during the straightening of sheet steel for automobiles. Stal' 25 no.7:632-634 Ji '65. (MIRA 18:7)

1. Zavod "Zaporozhstal".

MIRER, A.G., inzhener.

Operation of a three-phase induction motor in a special scheme of single phase connection. *Elektrichestvo* no.6:44-46 Je 1953. (MIRA 4:7)

1. Moskovskiy energeticheskiy institut im. Molotova.
(Electric motors. Induction)

MIRER, A.G., inzhener.

Simplifying the scheme of a flicker light arrangement. Energetik 1 no.2:
20-21 JI '53. (MLRA 6:8)
(Signals and signaling) (Electric controllers)

MIKER, H. G.

Subject : USSR/Electricity AID P - 1912
Card 1/1 Pub. 29 - 17/25
Author : Mirer, A. G., Eng.
Title : Discharge of a storage battery into the charging generator
Periodical : Energetik, no.2, 29, F 1955
Abstract : When a storage battery has to be discharged, to avoid waste and inconvenience, the author suggests using the same charging motor-generator by reducing the e.m.f. of the generator to a point lower than that of the storage battery, and letting it run as a motor.
Institution: None
Submitted : No date

Subject : USSR/Electricity AID P 3517
Card 1/1 Pub. 29 - 21/27
Author : Mirer, A. G., Eng.
Title : ~~Remote disconnection scheme of an a-c circuit breaker~~
Periodical : Energetik,³ 11, 28-29, N 1955
Abstract : The author presents two simple schemes for a remote disconnection of circuit breakers with the operating a-c. Two connection diagrams.
Institution : None
Submitted : No date

105-55-4-10/57

AUTHOR: Mirer, A. G., Engineer

TITLE: On the Calculation Method of the Mechanical Characteristics of Induction Motors During Dynamic Braking (O metodike rascheta mekhanicheskikh kharakteristik asinkhronnykh dvigateley v rezhime dinamicheskogo tormozheniya)

PERIODICAL: Elektrichestvo, 1958, Nr 1, pp. 65 - 66 (USSR)

ABSTRACT: A method of calculation for the determination of the families of mechanical characteristics during dynamic braking is given. From these the excitation current corresponding to the desired characteristic can be selected. The basis of this calculation are the known equations (1) to (5) which express the operation of an induction motor during dynamic braking. Different from the usual common solution of the equations (1) to (5) several values are here assumed for the magnetization current $I_{\mu 1}, I_{\mu 2}, \dots, I_{\mu n}$. For each of these values the rotor phase current I_2 , the moment M and $I_{\text{equivalent}}$ are calculated for various slip values $s_1, s_2, \dots, s_m$. By means of the obtained

Card 1/2

On the Calculation Method of the Mechanical Characteristics of Induction Motors During Dynamic Braking 105-56-4-16/37

data $M = f(I_{\text{equivalent}})$ can be determined for any slip value. The curves obtained show the family of mechanical characteristics during dynamic braking and make it possible to construct easily the characteristic corresponding to any equivalent current, as with given $I_{\text{equivalent}}$ the ordinates give the moment of the values at $s_1, s_2, \dots, s_m$. There are 2 figures and 2 Soviet references.

ASSOCIATION: TsNIIIMASH = Tsentral'nyy nauchno-issledovatel'skiy institut po tekhnologii i mashinostroyeniyu (Central Scientific Research Institute for Technology and Machine Building)

AVAILABLE: Library of Congress

1. Induction motors-Performance
2. Dynamic braking-Applications
3. Induction motors-Theoretical analysis

Card 2/2

MIREN, A.G., referent

Continuous high-speed cold rolling mill [from foreign
journals]. Biul. T. IICHM no. 2: 53-56 '61. (MIR 14:9,
(United States—Rolling mills)

MIRER, A.G., inzh.

Condition of constancy of tension in sheet rolling. Stal' 25
no.1:51-53 Ja '62. (MIRA 14:1
(Rolling (Metalwork))

MIRER, A.G., inzh.

"Specific consumption of power in cold rolling" by A.V.
Tret'iakov, B.E. Lokshin, M.A. Beniakovskii. Reviewed by
A.G. Mirer. Stal' 22 no.2:153-154 F '62. (MIRA 15:2)
(Rolling mills—Electric driving)
(Tret'iakov, A.V.) (Lokshin, B.E.) (Beniakovskii, M.A.)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001134

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001134

MIRER, A.L., inzh.

Securing rigidity and stability for one-story industrial buildings made of standard elements. Prom. stroi. 41 no.2:12-17 F '64.

(MIRA 17:3)

1. Gosudarstvennyy proyektnyy institut po obshchestroitel'nomu i sanitarno-tekhnicheskomu proyektirovaniyu promyshlennykh predpriyatiy Gosstroya SSSR.

BARANOV, B.M., inzh.; KUZNETSOV, K.S., inzh.; MIRER, G.V., inzh.;
PEREPELITSKIY, S.G.

Concerning the loads on the electric network caused by housing
construction work in Moscow. Elek. sta. 32 no. 5:57-62 My '61.
(MIRA 14:5)
(Moscow—Electric power distribution)

BOZLOV, V.A.; BESSMERTNYI, I.S.; GLAZUNOV, V.A.; ICHENIN, V.M.;
KUZLOV, V.A.; KUZNETSOV, A.S.; LIRER, G.V.; SOLDATKINA, L.L.;
FEDOSENKO, I.Ya.

"Fundamental problems concerning the design of municipal electric
power distribution networks" by L.L. Aizerberg and S.L. Nikogosov.
Reviewed by V.A. Bozlov and others. Elektrichestvo No. 13-14
1972. (Soviet Union) 157

1. Moskovskiy inzhenerno-ekonomicheskii institut imeni
S. Ordzhonikidze (for Bozlov). 2. Gipromkhimenerg (for
Bessmertny). 3. Moskovskiy energeticheskii institut (for Glazunov,
Soldatkin). 4. Moskovskoye rayonnoye upravleniye energeticheskogo
khozaystva (for Ichenin). 5. Leningradskaya kabel'naya set'
Leningradskoy upravleniya energokhozaystvom Natsionalnogo
Ministerstva elektrotantsiy SSSR (for Kuzlov). 6. Mesinzhproyekt
(for Kuznetsov). 7. Upravleniye po proyektirovaniyu zhilishchno-
grazhdanskogo i kommunal'nogo stroitel'stva g. Moskvy (for Lirer).
8. Akademiya kommunal'nogo khozyaystva im. K.M. Guseva (for
Fedosenko).

(Electric power distribution.
(Aizerberg, L.L.) (Nikogosov, S.L.)

FEDOSENKO, R.Ya., kand.tekhn.nauk (Moskva); MIRER, G.V., inzh. (Moskva)

Consumption of electric power in dwellings. Elektrichestvo no.3:14-20
Mr '63. (MIRA 16:4)

(Electric power)

MIRER, G.V., inzh.: T. P. H. 1. 1970.

Calculation of four-wire lighting networks with gas discharge
lamps. Prom. energ. 1971. 5338-5340.

MIRER, M.V., Inzh., 1911, 1912, 1913.

no. 138-4) 34 100. (M. 181)

1. "Municipal power distribution network" (in Russian).

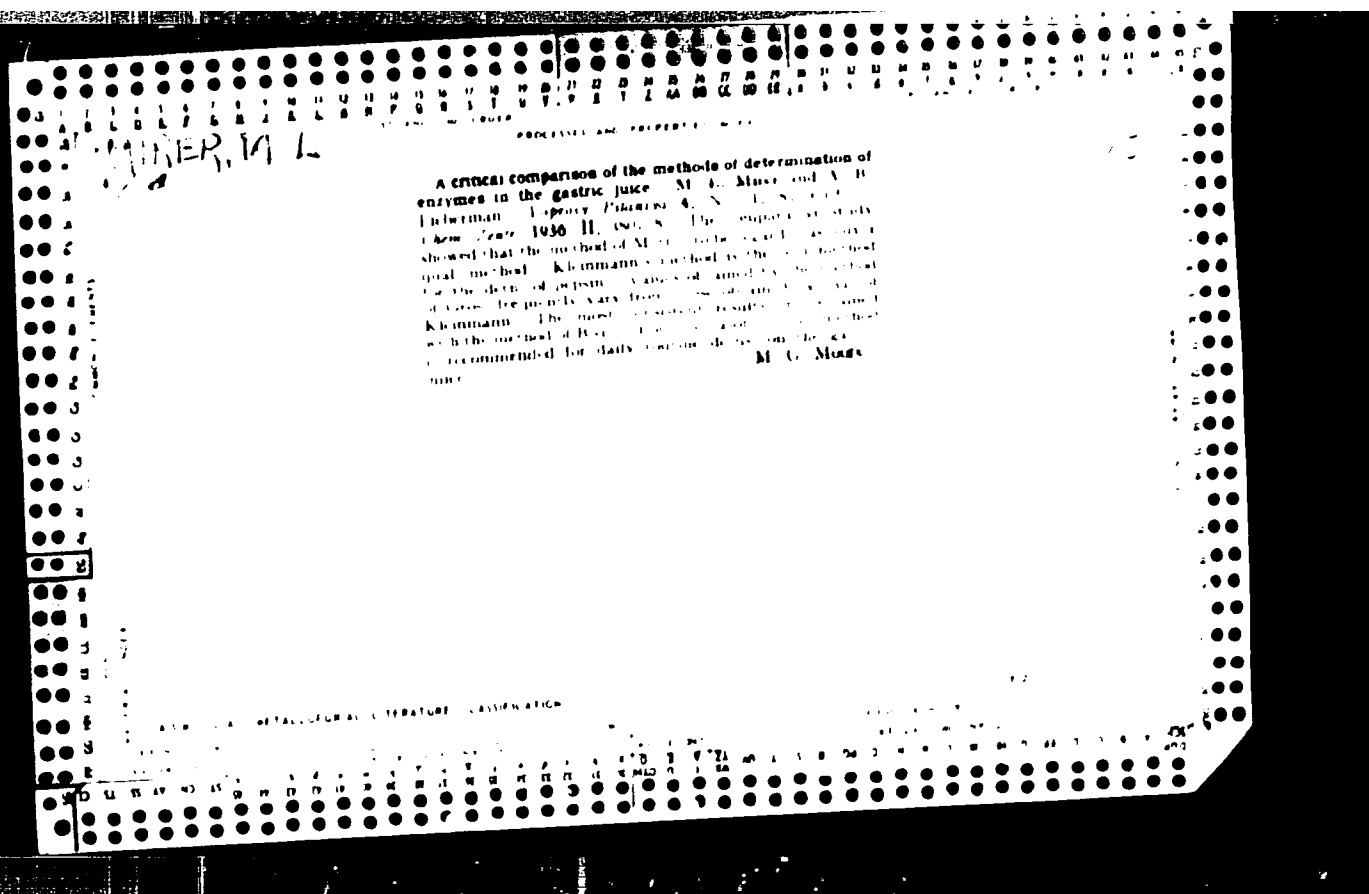
Reviewed by A. V. Gerasimov, G. V. Miron, and G. V. Gerasimov.
Elektronika, 1986, No. 1, p. 1, 2.

TSIGEL'YAN, Igor' Yefimovich. TUL'CHIN, Iosif Konstantinovich.
MIRER, G. V. 1927. ~~atsenzent~~; KLYUYEV, I. A., inzh.,
~~atsenzent~~; ~~MEYALIN, I. A., tel.~~

[Electric power distribution; electrical networks, and lighting] Elektrosnabzhenie, elektricheskie seti i osveshchenie. Moskva. Vysshaya shkola. 1965. 427 p.

(K.L. 18:8)

1. Glavnyy elektricheskoye Upravleniye po proyektirovaniyu zhidkikh i gaznykh sred i kommunal'nogo stroitel'stva goroda Moskvy (for Larer). 2. Glavnyy spetsialist Gosudarstvennogo instituta po proyektirovaniyu elektrooborudovaniya i lyubym vrazhelay promyshlennosti (for Klyuyev).



LEYTES, S.M., professor (Moscow); PESIKOVA, L.N., kandidat meditsinskikh nauk (Moscow); MIRER, M.L. (Moscow).

Ketonemia in diabetes mellitus and effect of diets. Klin.med. 31
no.12:74 D '53. (MLA 7:1)

1. Iz kliniko-eksperimental'noy laboratorii (zaveduyushchiy - professor S.M.Leytes) Kliniki lechebnogo pitaniya (direktor - zasluzhennyy deyatel' nauki professor M.I.Pevzner) Instituta pitaniya Akademii meditsinskikh nauk.

(Acetonemia) (Diabetes) (Diet in disease)

YEKISENINA N.I.; MYAGKOVA, L.P.; MIRER, M.L.

Effect of vitamin C on the immunobiological reactivity of the body in chronic colitis and enterocolitis. Vop. pit. 23 no.1: 26-30 Ja-F '64. (MIRA 17:8)

1. Iz kliniki lechebnogo pitaniya (zav. -- doktor med. nauk I.S. Savoshchenko) Instituta pitaniya AMN SSSR, Moskva.

KOROBKINA, G.S.; NEMENOVA, Yu.M.; PARAMONOVA, E.G.; GVOZDEVA, L.G.;
KALININA, N.N.; GLUSHNEVA, I.Ya.; TUMARKINA, T.I.; MIREK, M.L.

Effect of a phosphatide-enriched diet on cholesterol metabolism in
patients with a history of myocardial infarct. Vop. pit. 23 no.2:
49-53 Mr-Apr '64. (MIRA 17:10)

1. Iz serdechno-sosudistogo otdeleniya kliniki lechebnogo pitaniya
(zav. - doktor med. nauk V.F. Sokolovskiy), otdela tekhnologii
(zav. - prof. D.I. Lobanov) i otdela fiziologii (zav. - chlen-korres-
pondent AMN SSSR prof. G.I. Molchanova Instituta pitaniya AMN SSSR,
Moskva.

MIRER, M.Z.

Development of new designs of apparatus and equipment for the food
industry. Trudy UNIIPP no.2:253-257 '59. (MIRA 14:1)
(Food industry--Equipment and supplies)

KAKUSHKINA, Ye.A.; PLODOVSKAYA, L.A.; MIRER, N.G.,

Physiology of the development of offspring born from females
subjected to radiation injury in the embryonal period. Zhur.
ob.biol. 23 no.4:296-301 J1-Ag '62. (MIPA 15:9)

1. Iz laboratorii endokrinologii Instituta akusherstva i ginekologii
Ministerstva zdravookhraneniya PSFSR.

(X RAYS--PHYSIOLOGICAL EFFECT) (EMBRYOLOGY)

5251. AETIOLOGY AND TREATMENT OF ACUTE CHOLECYSTITIS CAUSED
BY OPISTORCHIS FELINEUS SEU SIBIRICUM (Russian text) *Mir* V. I.
- VESTN. KHIR. 1958, 81:9 (139-140)
The case history is given of a patient who was operated upon for signs of acute
cholecystitis, the cause being *Opisthorchis felinus seu sibiricum*, Rivolta, 1885
(*Distomum sibiricum* Winogradoff, 1892). The patient died following cholecystec-
tomy; the post mortem revealed peritonitis.
Sery - Olomouc (IX, 30)

AUTHOR: Mirer, V.S.

20-113-5-6/59

TITLE: Cauchy Problem for a System of Linear Partial Differential Equations With Analytic Coefficients (O zadache Koshi dlya sistem lineynykh uravneniy v chastnykh proizvodnykh s analiticheskimi koefitsiyentami)

PERIODICAL: Doklady Akademii Nauk, 1958, Vol 113, Nr 5, pp 973-975 (USSR)

ABSTRACT: For the Cauchy problem

$$\begin{cases} \frac{\partial U_\alpha}{\partial t} = \sum_{\beta=1}^N F_{\alpha\beta}(t, x) \frac{\partial U_\beta}{\partial x} + B_\alpha(t, x) & \alpha = 1, \dots, N \\ U_\alpha(t_0, x) = \varphi_\alpha(x) \end{cases}$$

the correctness and the convergence of the successive approximation is proved under certain suppositions. Already two years ago Fet [Ref 1] gave a more complicated proof of the two facts. There is 1 Soviet reference.

PRESENTED: August 21, 1957, by S.L. Sobolev, Academician
SUBMITTED: August 9, 1957

Card 1/1

L 05315-11 EWT(c)/EM(c)/EAT(c)/ET(c)/EP(1)/EQ(W)/EG(c)/EJ(W)/EK(c)/EL(c)
ACC NR: AM6015101

IUF(c) EM/NN/10

Monograph

UR

Rakhmarova, Mariya Sergeyevna; Mirer, YAKov Grigor'yevich

Effect of technological factors on the reliability of gas turbine vanes
(Vliyaniye tekhnologicheskikh faktorov na nadezhnost' lopatok
gazovykh turbin) Moscow, Izd-vo "Mashinostroyeniye", 1966. 222 p.
illus., biblio. Errata slip inserted. 2000 copies printed.

TOPIC TAGS: turbine blade, gas turbine, blade airfoil, turbine design

PURPOSE AND COVERAGE: The effects of methods of manufacturing turbine
blades on the quality of the surface layer and on the fatigue strength
of blade airfoils and roots is presented. Methods and results of
investigations of cold hardening and residual stresses in specimens
and actual blades after machining by various methods are given. The
original equipment used in the investigation is described. Recommen-
dations for increasing the operational reliability of blades are
given. The book is intended for industrial engineers and persons in
design and scientific-research institutes of aviation and related
industries.

Card 1/2

UDC 629.13.02.001.5

L 05315-67

ACC NR: AM6015101

TABLES OF CONTENTS:

Foreword -- 3

Introduction -- 5

1. Working conditions, production methods, and defects of gas turbine blades -- 7
2. Methods for determining cold hardening and residual stresses -- 82
3. The effect of various machining methods on the quality of the surface layer, durability, and long-time strength of turbine blade airfoils -- 106
4. The effect of various machining methods on the quality of the surface layer and durability of turbine blade roots -- 153
5. Methods and conditions of machining airfoils and roots of turbine blades according to their strength -- 178
6. Technological methods for increasing the operating reliability of turbine blades -- 188

Bibliography -- 219

SUB CODE: 21, 08/ SUBM DATE: 15Dec65/ ORIG REF: 026/ OTH REF: 011/

kh

Card 2/2

SOKOLOV, A.D.; MIRER, Ya.S

Injection-molding machines - broad. Plast. massy no.8:69.70 '63.

(MFA 16:8)

(Molding machine)